

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1460.1022D	Div. of Serial No.:
	FIRST NAMED INVENTOR	09/984,489 10/755,384 <i>09/984,489</i>
	Takafumi Terahara, et al.	
FILING DATE	GROUP ART UNIT	
January 13, 2004		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>2003</i>	AA	6,512,628	01-2003	Terahara et al.	359	334	
<i>2003</i>	AB	5,999,548	12-1999	Mori et al.	372	22	
<i>2003</i>	AC	5,898,714	04-1999	Morita et al.	372	6	
<i>2003</i>	AD	6,424,774	07-2002	Takeda et al.	385	122	
<i>2003</i>	AE	6,522,818	02-2003	Aso et al.	385	122	
<i>2003</i>	AF	6,157,754	12-2000	Sasaoka et al.	385	24	
<i>2003</i>	AG	6,084,993	07-2000	Mukasa, Kazunori	385	24	
<i>2003</i>	AH	5,504,829	04-1996	Evans et al.	385	123	
<i>2003</i>	AI	6,526,208	02-2003	King et al.	385	123	
<i>2003</i>	AJ	6,307,984	10-2001	Watanabe, Shigeki	385	24	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

	AM			
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EXAMINER <i>Daniel Peterson</i>	DATE CONSIDERED <i>7/15/04</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	BG						
	BH						
	BI						
	BJ						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	BM	Chraplyvy, A.R., et al., "8 x 10 Gb/s Transmission Through 280 km of Dispersion-Managed Fiber," IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 5, No. 10, October 1993, pp. 1233-1235.
	BN	Kurtzke, Christian, "Suppression of Fiber Nonlinearities by Appropriate Dispersion Management," IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 5, No. 10, October 1993, pp. 1250-1253.
	BO	Henmi, N., et al., "An Arrangement of Transmission-Fiber Dispersions for Increasing the Spacing Between Optical Amplifiers in Lumped Repeater Systems," IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 5, No. 11, November 1993, pp. 1337-1340.

EXAMINER <i>Daniel Petkovski</i>	DATE CONSIDERED 7/15/04
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	CA						

FOREIGN PATENT DOCUMENTS

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	CG						
	CH						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	CI	Okuno, Tashiaki, et al., "Novel Lossless Optical Transmission Line with Distributed Raman Amplification," Proceedings of the 2000 Communications Society Conference of IEICE, B-10-116, with English translation.
	CJ	Smith, N.J., et al., "Energy-scaling characteristics of solitons in strongly dispersion-managed fibers," Optics Letters, vol. 21, No. 24, December 15, 1996, pp. 1981-1983.
	CK	Morita, I., et al., "40 GBIT/S x 16 WDM TRANSMISSION OVER 2000 KM USING DISPERSION MANAGED LOW-NONLINEAR FIBER SPAN," ECOC 2000, 26th European Conference on Optical Communication, Munich, Germany, September 3-7, 2000, Vol. 4, pp. 25-26.
	CL	Mukasa, K., et al., "Wide-Band Dispersion Management Transmission Line With Medial Dispersion Fiber (MDF)," ECOC 2000, 26th European Conference on Optical Communication, Munich, Germany, September 3-7, 2000, Vol. 1, pp. 95-96.
	CM	Grüner-Nielsen, Lars, et al., "Dispersion Compensating Fibres and Perspectives For Future Developments," ECOC 2000, 26th European Conference on Optical Communication, Munich, Germany, September 3-7, 2000, Vol. 1, pp. 91-96.
	CN	Okuno, Toshiaki, et al., "Novel Lossless Optical Transmission Line with Distributed Raman Amplification," ECOC 2000, 26th European Conference on Optical Communication, Munich, Germany, September 3-7, 2000, Vol. 2, pp. 75-76

EXAMINER <i>David Peterson</i>	DATE CONSIDERED <i>7/15/04</i>
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<i>JS</i>	AA	5,191,631	03/02/93	Rosenberg	385	123	
<i>JS</i>	AB	5,612,807	03/18/97	Ishikawa, et al.	359	161	
<i>JS</i>	AC	5,778,128	07/07/98	Wildeman	385	123	
	AD						
	AE						
	AF						

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	AG	JP A 9- 318824	12/12/97	Japan	G02B	6/10		

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AM	Ohhira, R., et al., "40 Gbit/s x 8-ch NRZ WDM Transmission Experiment Over 80 km x 5-Span Using Distributed Raman Amplification in RDF," ECOC'99, 26-30 September 1999, Nice, France, pp. II-176, II-177.
	AN	Smith, N.J., et al., "Enhanced power solitons in optical fibres with periodic dispersion management," Electronics Letters, 4th January 1996, Vol. 32, No. 1, pp. 54-55.
	AO	Henmi, N., et al., "A New Design Arrangement of Transmission Fiber Dispersion for Suppressing Nonlinear Degradation in Long-Distance Optical Transmission Systems with Optical Repeater Amplifiers," Journal of Lightwave Technology, Vol. 11, No. 10, October 1993, pp. 1615-1621.

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